

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
5 February 2004 (05.02.2004)

PCT

(10) International Publication Number  
**WO 2004/011503 A1**

(51) International Patent Classification<sup>7</sup>: **C08B 37/08**

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(21) International Application Number:  
PCT/KR2003/000998

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(22) International Filing Date: 21 May 2003 (21.05.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10-2002-0044261 26 July 2002 (26.07.2002) KR

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **HYALURONIC ACID DERIVATIVE GEL AND METHOD FOR PREPARING THE SAME**

(57) **Abstract:** The present invention relates to a hyaluronic acid derivative gel, obtained by amidation of a hyaluronic acid, or its cationic salt, and an amine group-containing saccharide compound, having excellent viscoelastic properties, and a method for preparing it. Especially, the hyaluronic acid derivative gel according to the present invention shows responses peculiar to heat and can be made to have various properties by heat treatment. The hyaluronic acid derivative gel according to the present invention can be used for a variety of purposes such as post-operative adhesion-preventing gel, material for wrinkle treatment, auxiliary material for plastic surgery, material for arthritis treatment, and drug delivery vehicle.

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